

Addition

Steps 3, 4, 5, 6 from column methods

I can solve a 3 digit add a 2d $\longrightarrow$

$$\begin{array}{r} 442 \\ 36 \\ \hline 478 \\ \hline \end{array}$$

I can solve any 3d add 2d $\longrightarrow$

$$\begin{array}{r} 547 \\ 94 \\ \hline 641 \\ \hline 11 \end{array}$$

I can solve a 3d add a 3d $\longrightarrow$

$$\begin{array}{r} 636 \\ + 242 \\ \hline 878 \\ \hline \end{array}$$

I can solve any 3d add 3d



$$\begin{array}{r} 686 \\ + 549 \\ \hline 1235 \\ \hline 11 \end{array}$$

Steps 7, 8, 9, 10, 11 from column methods

I can solve any 4d add 2d or 3d



$$\begin{array}{r} 6549 \\ + 686 \\ \hline 7235 \\ \hline 111 \end{array}$$

I can solve any 4d add 4d



$$\begin{array}{r} 8686 \\ + 6549 \\ \hline 15235 \\ \hline 111 \end{array}$$

I can use column addition for several numbers

$$\begin{array}{r} 868 \\ 582 \\ + 654 \\ \hline 2104 \\ \hline 21 \end{array}$$

I can solve any 5d add 5d

$$\begin{array}{r} 81686 \\ + 66549 \\ \hline 148235 \\ \hline 111 \end{array}$$

I can add numbers with 1dp

$$\begin{array}{r} 18.7 \\ + 56.4 \\ \hline 75.1 \\ \hline 11 \end{array}$$

Subtraction

Steps 3-5 from column methods

I can solve a 3d-2d



$$\begin{array}{r} 986 \\ - 42 \\ \hline 944 \end{array}$$

I can solve any 3d-2d



$$\begin{array}{r} \overset{12}{\cancel{8}} \overset{1}{\cancel{8}} | \\ - 82 \\ \hline 849 \end{array}$$

I can solve any 3d - 3d



$$\begin{array}{r} \overset{17}{\cancel{8}} \overset{1}{\cancel{8}} | \\ - 596 \\ \hline 389 \end{array} \quad \begin{array}{l} 4 \\ | \\ 7 \end{array}$$

I can solve any 4d - 2d or 3d $\longrightarrow$

$$\begin{array}{r} \cancel{5} \cancel{6} \cancel{8} \cancel{1} \\ \underline{749} \\ 4937 \end{array}$$

I can solve any 4d - 4d $\longrightarrow$

$$\begin{array}{r} \cancel{4} \cancel{1} \cancel{7} \cancel{1} \\ \cancel{5} \cancel{6} \cancel{8} \cancel{6} \\ \underline{4749} \\ 937 \end{array}$$

I can solve any 5d - 5d $\longrightarrow$

$$\begin{array}{r} \cancel{4} \cancel{1} \cancel{7} \cancel{1} \cancel{8} \cancel{6} \\ \underline{54749} \\ 40937 \end{array}$$

I can subtract numbers with 1dp $\longrightarrow$

$$\begin{array}{r} \cancel{7} \cancel{1} \\ \cancel{8} . \cancel{6} \\ \underline{4 . 9} \\ 3 . 7 \end{array}$$

Multiplication

I can solve a 2d $\times$ 1d $\longrightarrow$

$$\begin{array}{r} 35 \\ \times 5 \\ \hline 175 \\ \hline \end{array}$$

I can solve any 2d $\times$ 1d $\longrightarrow$

$$\begin{array}{r} 85 \\ \times 6 \\ \hline 510 \\ \hline \end{array}$$

I can solve any 3d $\times$ 1d $\longrightarrow$

$$\begin{array}{r} 385 \\ \times 6 \\ \hline 2310 \\ \hline \end{array}$$

I can solve $2d \times 2d$



$$\begin{array}{r} 3 \\ 85 \\ \times 16 \\ \hline 510 \\ 850 \\ \hline 1360 \end{array}$$

I can solve any $3d \times 2d$



$$\begin{array}{r} 5 3 \\ 485 \\ \times 16 \\ \hline 2910 \\ 4850 \\ \hline 7760 \\ \hline 1 \end{array}$$

I can solve any 4d $\times$ 1d $\longrightarrow$

$$\begin{array}{r} 31 \\ 8 \overline{) 52} \\ \underline{48} \\ 4 \end{array}$$

I can solve any 1 digit 1dp by 1d $\longrightarrow$

$$\begin{array}{r} 2 \\ 5.6 \\ \times 4 \\ \hline 22.4 \end{array}$$

Division

I can solve a 2d divided by 1d-no remainders in questions

$$\longrightarrow \begin{array}{r} 23 \\ 3 \overline{) 69} \end{array}$$

I can solve a 2d divided by 1d-no remainders in answer

$$\longrightarrow \begin{array}{r} 27 \\ 3 \overline{) 81} \end{array}$$

I can solve a 2d divided by 1d using any table-no remainders in answer

$$\longrightarrow \begin{array}{r} 14 \\ 6 \overline{) 84} \end{array}$$

I can solve a 3d divided by 1d -no remainders in answer

$$\longrightarrow \begin{array}{r} 042 \\ 7 \overline{) 294} \end{array}$$

I can solve a 4d divided by a 1d-no remainders in answer

$$\longrightarrow \begin{array}{r} 0406 \\ 9 \overline{) 3654} \end{array}$$

I can solve any 2d divided by 1d with remainders

$$\longrightarrow \begin{array}{r} 083 \text{ r } 5 \\ 6 \overline{) 503} \end{array}$$

I can solve any 4d divided by 1d

$$\begin{array}{r} \longrightarrow 0666 \text{ r}4 \\ 6 \overline{) 4066} \end{array}$$

I can solve any 3d divided by 2d

$$\begin{array}{r} 28 \text{ r}1 \\ 23 \overline{) 645} \\ \underline{46} \\ 185 \\ \underline{184} \\ 1 \end{array}$$

